



Video Usage

A core function of the ICN is to provide educational access to all Iowans in a cost-effective way. Part of the function includes a goal of bringing equal educational opportunities to K-12 students located in rural and underserved areas. More and more educational opportunities are now available utilizing various video options utilizing the Internet. Although the trend shows full-motion video services usage gradually dropping, the Internet Services purchased by Education and others is growing exponentially.

Video Usage (Fiscal Year 2013)

ICN produced a total of 107,717 full motion video hours and 21,272 IP video hours.
Top three MPEG video groups in: community colleges, higher education, K-12 education.

Integrating Video to an IP Platform

In FY13, ICN prepared for the release of its video conferencing service. IP Video@LightSpeed™ (V@LS) is compatible with industry standard IP video equipment. Users will be able to experience the high video quality within a flexible room layout with open microphones and high definition cameras. Service will be available in FY14.

The following users became ICN's platform development partners as we transition to an IP video conferencing network from our MPEG network. These users are providing us with feedback and continue to assist in testing the functionality of the IP video conferencing service.

Atlantic High School	Elkader AEA	Johnston AEA
Belle Plaine High School	Hawkeye Community College	Northeast Iowa Community College
Bettendorf AEA	Iowa Central Community College	

K-12 Connections

In FY13, 13,469 participants interacted in K-12 Connections video sessions held state-wide, consisting of 327 sessions between 2,162 sites, producing a total of 4,115.58 hours. K-12 Connections is a partnership between Iowa Public Television and ICN, striving to offer high quality interactions that are relevant to Iowa's K-12 curricula, at no cost for K-12 students and educational professionals.

While providing support and resources for educators and students, K-12 Connections is committed to national education standards and the continued enhancement of distance learning.

To learn more about K-12 Connections visit www.k12connections.iptv.org.

Internet Services Usage

ICN's bandwidth and data services continue to climb at a remarkable pace, almost tripling in the past two years. This reflects the demand and need for greater access to high-speed Internet.

- The amount of Internet purchased by customers (authorized users) has increased 178 percent over the past two years (6.9Gb to 19.1Gb).
- Eighty-six percent of the Internet provided by the ICN is being used by educational entities (16.5Gb education, 2.6Gb non-education).
- Ninety percent of the 12.2Gb increase over the last two years has been ordered by educational entities (11.1Gb education, 1.1Gb non-education).

DAVID LINGREN, EXECUTIVE DIRECTOR

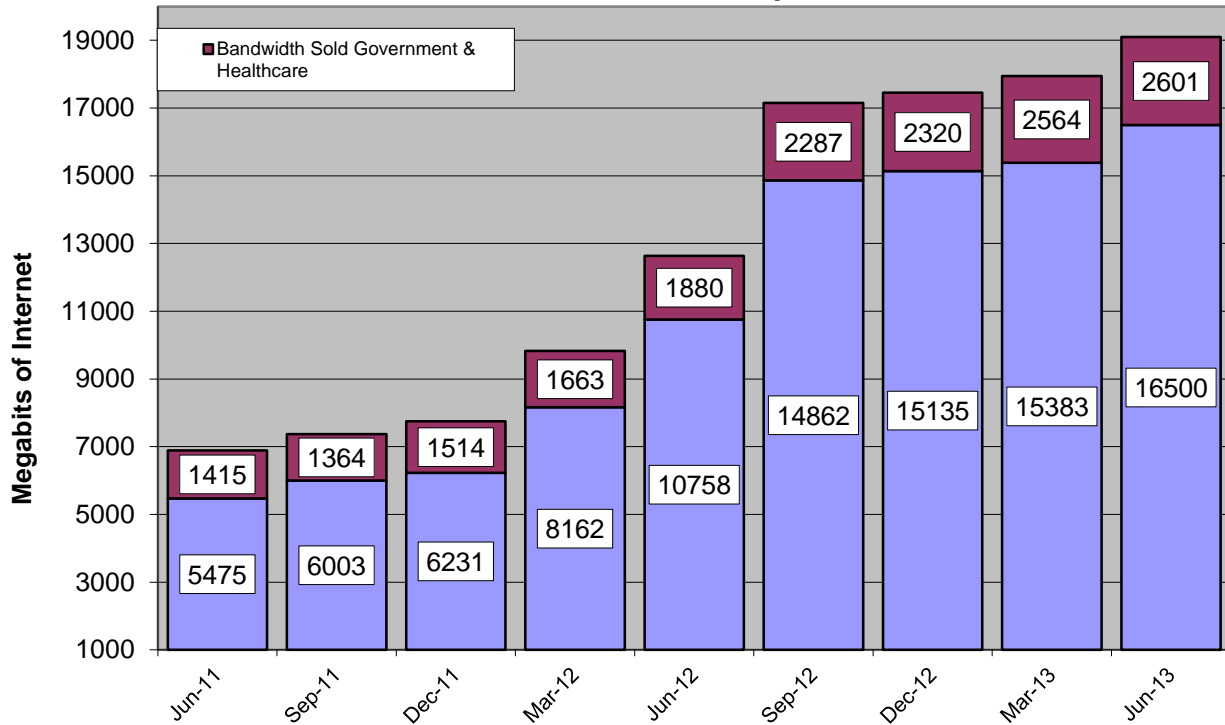
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IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION



- The 1:1 program develops new innovative teaching and learning practices with iPads, tablets, and laptops. ICN provides many Iowa schools with services necessary for the program.

Internet Sold Report



Top 10 ICN Education Users by Internet Sold	Internet Total (Mb)
Heartland AEA 11 (Johnston)	3072
Great Wood AEA (Cedar Rapids)	2560
Great Prairie AEA (Ottumwa)	2000
AEA 267 (Cedar Falls)	2000
Green Hills AEA (Council Bluffs)	1000
Keystone AEA (Elkader)	1000
Prairie Lake AEA (Pocahontas)	700
Univ. of Dubuque (Dubuque)	425
Kirkwood CC (Cedar Rapids)	365
DSM Area CC (Des Moines)	225

AEA = Area Education Agency

Top ICN Non-Education Users by Internet Sold	Internet Sold Total (Mb)
IRHTP-Medical *	1020
Dept. of Transportation **	409
Dept. of Administrative Services **	100
Iowa Workforce Development **	85
Dept. of Public Safety **	70
Judicial	61
Dept. of Human Services **	50
Dept. of Correction **	50
Legislative Services Agency	50

*Encompasses many healthcare users

**Statewide use

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